

# **SOUTH PRODUCTION NOTES**

**February 8, 2014  
Afternoon Shift**

**BASF EMPLOYEES  
77 Last Recordable  
222 Last Lost Time**

**CRT's: When we run #5 we will need to fill out the #5 bag house check sheet.  
Bldg 31 is now regulated due to the running of the Si-1624 material**

**#1 MED Si-1624:** Continue running. End seals must be greased every shift. ( manually )  
Day shift: Continue. Diverter valve at the top of the dryer spiral stopped switching. Work notification written to have maintenance work on it – 933923615.  
Afternoon Shift:  
Midnight shift:

**#1 RC / Si-1624:** Continue calcining. Per engineer, still going to feed bags with fallen liners at end of run.  
Day shift: Continuing to run. Feed rate  
Afternoon Shift:  
Midnight shift: Continue

**Exhaust to F-1**

**#2 MED line/ Cu-1230:** Completed job. Mixer has been scraped and the pulva and extruder should be also scraped.  
Day Shift: Additional cleaning performed on dryer.  
Afternoon Shift:  
Midnight shift:

**#2 RC/ Cu-1230:** Calciner down. The replacement gear box is ordered with a month lead time. Original prognosis was a gear box leak possibly due to overfilling.  
Day shift: Calciner is off and has been reversed, however, we will not finalize clean up until advised by engineer – Bodmann.  
Afternoon Shift: No change  
Midnight Shift: No change.

**Exhausting to CTO**

**#3 MED line / D-1798 NAQ:** We are conducting a very good clean up of the dryer in preparation for D-1799. D-1799 will be fed through the dryer after being impregnated with AMT.

**Day shift:** Additional clean up required in preparation for D-1799. Should be good to go now.

**Afternoon Shift:** No change.

**Midnight Shift:** No change. Need to unlock and fire up dryer for drying first batches.

**#3 RC/ D-1799 NAQ:** Last of the material fed and the calciner is in shutdown mode.

We will start clean up consisting of running Al-Ox as flush through the calciner, including the dryer spiral elevator.

**Day shift:** Calciner in auto shut down. Will need to be reversed if it hasn't been done.

**Afternoon Shift:** Has been reversed-started running Al-Ox through-F-1.

**Midnight shift:** Last of Al Ox sand running through, vacuuming clean-out box on feed end and top of vibratory table (Cleveland Vibrator). Need to set-up bagging station for D-1799.

**Exhausting to CTO**

**Old Pfaudler – D-1799 NAQ:** Pfaudler and hopper rinsed.

**Day Shift:** Start after Dryer is up to temperature.

**Afternoon Shift:**

**Midnight shift:** Continue batches. Lighting #3 dryer on day shift

**Tank 7 / AMT for D-1799 NAQ:** Tank made.

**Day shift:** See midnight note.

**Afternoon Shift:**

**Midnight shift:** Can only pump to pfaudler weigh tank manually from tank (not by CRT from CCR room). May need work notification to have Kirk check this.

**New Pfaudler / Ni-2458 (2<sup>nd</sup> dip) :** Special batch.

**Day shift:** Waiting for instructions to make the last 1<sup>st</sup> dip batch.

**Afternoon Shift:** No change.

**Midnight shift:** No change

**Tank 6 / Ni Solution:** WATCH TEMPS ON TANK!!! Only a little solution remaining in tank, hopefully enough for the special batch as described above.

**Day shift:** Waiting for instructions to make the last 1<sup>st</sup> dip batch.

**Afternoon Shift:** No change.

**Midnight Shift:** No change

**National Dryer / Ni 2458 (2<sup>nd</sup> dip) :** Keep temperature close to 80 degrees. **Green** labels for 2<sup>nd</sup> dip material.

**Day shift:** Waiting for instructions on last 1<sup>st</sup> dip batch.

**Afternoon shift:**

**Midnight shift:**

**#4 RC / Ni 2458 (2<sup>nd</sup> dip):** Restarted midnight shift (Friday night). Trimer issues (Stage 1 flow meter reading below spec of 50 GPM) corrected. Also, we are NOT permitted to manually handle sulfide drums. Use drum picker to lift and place drums on roller conveyor (make sure lids and rings are still on drum when doing this).

**Day shift:** Continued.

**Afternoon Shift:**

**Midnight shift:**

**Exhaust to Trimer**

**PK Blender / 1520:** Continue 1520, use 118 bags.

**Day shift:** Continuing/pumping sump to WW-300 series.

**Afternoon Shift:**

**Midnight shift:**

**HC-11 Tanks – 1520:** We are to continue emptying Tank 6 of the 1520 solution into totes to be used in building 9 for impregnation. We need to have Tank 6 empty and cleaned (acid wash is in tank) by Monday so that we can inspect the liner of the tank. **DO NOT PUMP TANK 4 SOLUTION INTO TANK 6; we will tote off the solution after verified by the lab and then transport to building 9.**

**Day shift:** T-6 of acid wash was pumped to tank 107-sample in lab. Can pump to WW now.

**Afternoon Shift:**

**Midnight Shift:**

**#5 RC / OxyVinyl Catoxid:** We will only feed small bags to the RC – any large bags must be removed and set aside for repacking through PK at a later date. Also, REMEMBER, we have to continue to feed alternating batches of material (1 bag above Batch 7083 and 1 bag below Batch 7083). **A new HOURLY CHECK sheet is available – please use it from now on.**

**Day shift:** Continued. Hepa changed this morning/keep monitoring pressure on Hepa.

**Afternoon Shift:**

**Midnight shift:**

**Exhaust to 5DC when feeding**

**Tower 3 / Cu-1230:** On hold. Mass spec has been installed but additional work is being performed – should take a couple of days.

**Day shift:** Still on Hold.

**Afternoon shift:**

**Midnight Shift:**

**Tower 6 / Cu-1986:** On hold. Mass spec has been installed but additional work is being performed – should take a couple of days. The sheaves under Tower 6 are still being replaced.

**Day shift:** Hold.

**Afternoon shift:**

**Midnight Shift:**

**Harrop Kiln - Al-3921 T 3/16”:** Down... saggars have been removed, screener parts at TK#2

**Day shift:** Down

**Afternoon Shift:** Down

**Midnight Shift:** Down.

**North Screener / Cu 1230:** Screener switched to Cu 1230

**Day shift:** Ready for Cu-1230

**Afternoon Shift:** No change.

**Midnight shift:** No change.

**South Screener / Cu 1986:** Done until another tower comes down..

**Day shift:** No activity.

**Afternoon Shift:** No activity.

**Midnight shift:** No activity

**#6 - RC / D-0756:** Down

**Day Shift:** Down

**Afternoon shift:**

**Midnight shift:** Down.

**Exhaust to Sly Scrubber**

**Tunnel Kiln #2 / V-2045 is next:** Start changing over the saggars on TK 2 to the vanadium saggars after we complete Tk4 job.

**Day shift:** Down

**Afternoon Shift:**

**Midnight shift:** Down.

**Tunnel Kiln #4 / Cu-0540 done: HOLD**

**Day shift: No activity**

**Afternoon Shift: Down.**

**Midnight shift: Down.**

**#2662 Pill Machine / Al-3917 3/16: Finished. Holding for decision to switch to 3915.**

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**Priorities 1 through 6 are basically all the same priority, should be considered urgent and will require call outs for maint issues.**

**1) Cu-1230 E 1/16 3F RS & Cu-1986 TRL - Reduction Towers**

**2) D-1799 NAQ - East Pfaudler/#3 P&S/#3 RC**

**3) 1520 Impregs - PK/HC-11 Tank Make Up**

**4) Catoxid - #5 RC**

**5) Ni-2458 E - West Pfaudler/National Dryer/#4RC**

**6) Si-1624 E - #1 MED/#1 RC**

**7) Clean #2 P&S Dryer**

**8) Clean #2 MED Line**